

## Release A EDF Software Development Environment Baseline 10/28/96

Function	Product Name/ Vendor/ Features	Platforms Supported by Vendor	Vendor's Revision Level	Comments
Operating Systems	Solaris	Sun	2.4	
	Sun OS	Sun	4.1.4	
	HP-UX	HP	9.05	
	Digital UNIX (formerly OSF/1)	DEC	3.2	
	SGI IRIX	SGI 32 bit SGI 64 bit	5.3 6.2	
	AIX	IBM	3.2.5	
General Suite of Development Tools	SPARCworks Debugger Runtime Error Checker Analyzer Source Browser FileMerge Make Tool	Sun Solaris Sun OS	3.0.1	
	SoftBench Static Analyzer Performance Analyzer Debugger (DDE)	HP-UX	4.0	
	DEC FUSE Builder (Motif I/F to make) Debugger (Motif I/F) Editors (Motif I/F)	DEC	2.0 (might change when OS goes to 3.2)	

	ProDev WorkShop (previously CaseVision or MegaDev) Debugger Build Analyzer Performance Analyzer Tester (code coverage analysis)	SGI IRIX 5.3 SGI IRIX 6.2	2.4 2.6	
	PowerBench	IBM AIX	2.0	
C++ Compilers	SPARCompiler C++	Sun	4.0.1	
	C++ SoftBench License C Developer's bundle (w/C,X,Motif) C++	HP	3.75	
	DEC FUSE C++ support C++ Class Browser DEC C++ C++ Compiler DEC C compiler Name demangler Incremental Linker DEC C++ class library DEC OSF/1 C Developers Extensions (see C compiler section below)	DEC	1.47	- native C++ compiler supporting templates and exception handling
	Native C++	SGI (5.3 and 6.2)	4.0	
	KAI C++ Compiler	SGI IRIX 5.3 SGI IRIX 6.2	2.04 1.0D	Available only for CLS SCF Desktop and DPREP
	C Set ++	IBM	2.1.4.0	native C++ compiler supporting templates and exception handling; integrated with CDE
C Compilers	SPARCompiler C	Sun	3.0.1	ANSI and K&R
	HP-UX bundled C compiler is K&R only Purchased C compiler is ANSI and K&R	HP	9.77	
	DEC OSF/1 C Developers Extensions C compiler assembler decladebug and dbx SCCS,RCS,prof,imake,etc	DEC	3.0	

	C	SGI IRIX 5.3 SGI IRIX 6.2	3.19 6.2	
	C	IBM	3.2.5	
FORTRAN 77	SPARCompiler FORTRAN	Sun	3.0.1	
		SGI IRIX 5.3	6.1	
		SGI IRIX 6.2	6.2	
FORTRAN 90	from Numerical Algorithms Group (NAG)	Sun	2.1 (NAG)	
		SGI IRIX 5.3	2.1 (NAG)	
		SGI 6.2	2.2 (NAG)	
	from SGI	SGI Irix 6.2	6.2 (SGI)	
FORTRAN Checker	FORCHECK	Sun	11.13	
Ada	SPARCompiler Ada (from Sun)	Sun	2.1	
	from SGI/Rational	SGI	6.2.3	
Perl		HP	5.0.0.3	
On-Line Documentation Viewer	Answer Book	SUN		
	HP Laserom	HP		
	BookReader	DEC		
	Insight	SGI		
	InfoExplorer	IBM		
Multithreaded Debugger	iMPact	SUN	2.0	
	DDE debugger	HP		in Softbench 4, CLI support in DDE in SoftBench 5, GUI support in DDE
	ladebug	DEC		only CLI commands to ladebug
	debugger	SGI		supported in ProDev/C++ bundle
	n/a	IBM		no date for support
Windows Emulation for DOS Applications on UNIX	SoftWindows	Sun	1.0	- used on developer Sun workstations

	WABI	Sun	2.1	- Used by the DAAC's
Security	Cygnus Network Security	All	CNS v5 96Q1	
	Crack	HP	4.1	Public Domain, standalone.
	Npasswd	HP	1.2.4	Public Domain, standalone.
	SATAN	HP	1.1.1	Public Domain, standalone.
	TCP Wrappers	HP	7.3	Public Domain, standalone.
	Tripwire	HP	1.2	Public Domain, standalone.
GUI Development	BuilderXcessory (Integrated Computer Solutions - (ICS))	Sun OS Solaris HPUX 9.0X DEC SGI IRIX	3.5.1	Motif GUI Builder from ICS, Include 3.5.1 Level 5 patch for BX & 3.5.1 Level 9 patch for code generator.
	GraphPak	same	1.0	
	EPak	same	2.5	Additional widgets for BX, Include patch to make TabStack Widget work with threads.
OSF /Motif for Development		Sun, IBM, DEC	1.2.3	Sun: Bundled with CDE in Solaris 2.4
		SGI	1.2.4	
		HP	1.2.5	
OSF/Motif Windows Manager Runtime		Sun, IBM, DEC	1.2.3	Bundled with CDE in Solaris 2.4
		SGI	1.2.4	No need to specify for DEC platform as no release A subsystem needs motif for development.
		HP	1.2.5	
Common Desktop Environment	CDE	Sun	1.0	Contains Motif 1.2.4
Graphics Visualization Tool	IDL	Sun, HP, SGI (5.3),	4.0	
		SGI 6.2	5.0	

C++ Class Libraries	Rogue Wave Tools.h++	compile source	6.1	
	Rogue Wave Tools.h++ Pro	compile source	6.1	
	Rogue Wave Net.h++	compile source	1.0.1	
	Rogue Wave DBTools.h++	compile source	1.1.0	
	Hughes Class Libraries (HCL)	Sun, DEC	3.14 with patches through 158	
	libComponent.a (Douglas Young's Library)	All	1992	A SET Motif/C++ Wrapper classes Placed under configuration management to track modifications by ECS developers.
	HDF Libraries (NCSA)	All	4.0r2	Freeware in Clearcase
	IMSL (International Math and Statistics Library)	All*	2.0 (C ) 3.0 (FORTRAN)	*64 bit SGI not yet ported, also does not work with FORTRAN 90.
High Fidelity Memory Leak Detector	Purify (from Pure Software)	Sun, HP	3.2	- No support for DEC or IBM
		SGI IRIX 5.3	3.1	
	Insure++	DEC, IBM	3.0.1	- Also provides Code Coverage Analysis (See Below)
Code Coverage Analysis	PureCoverage (from Pure Software)	Sun, HP	1.2	No support for SGI, DEC or IBM.
	Insure++	SGI,DEC,IBM	3.0.1	
Requirements Tracing	Requirements and Traceability Management (RTM) - (from Marconi)		2.3.3	
Object Oriented Design Tool	Software Through Pictures/Object Modeling Technique (StP/OMT) -(from Interactive Development Environments (IDE)) StP/OMT Product Sets:			

	StP Core Query & Reporting Object Management Administration RDBMS		1.3	
	OMT		2.0.0.1	
	Class Capture (for reverse engineering)		2.0	
Configuration Management	ClearCase (from Atria)  XRP II UNIFY Relational Database (for XRP II) Physical Network Manager	Most UNIX  Solaris 2.4 Solaris 2.4 HP UX 9.0X	2.1  3.0 UNI5.0.7.2.0 2.2	Patches 2.1-144 and 2.1-145 for SGI Irix 6.2
Distributed Defect Tracking System	DDTS (from Pure Software)	Sun OS Solaris HP-UX DEC SGI IRIX 5.3 IBM	3.2.1	
Code Complexity Checker	Battlemap Analysis Tool (BAT) (from McCabe & Associates)	Sun OS Solaris HP DEC SGI IBM	5.0 (see comment)	- Used to generate metrics on code complexity.
Testing Software	XRunner (from Mercury Interactive)		4.0.1	
	LoadRunner		1.6	
Network Modeling Tool	BONeS - (from Alta Group of Cadence Design, SPSI is local agent)		2.6	
Object Oriented DCE		HP	1.5.1	

(1.0.3)	OODCE (from Hewlett Packard)	Sun Solaris	08/01/96 delivery from HP in Clearcase	
		SGI (IRIX 5.3)	N/A	Ported for ECS by HP.
		DEC	N/A	Ported for ECS by HP.
DCE Application Development Toolkit	from Transarc	Sun	1.0.3a	
	from HP	HP	1.2.1	
	from DEC	DEC	1.3	
	from SGI	SGI	1.02	
	from IBM	IBM	1.3 (& 1.2)	
DCE Client and Server Software	from Transarc	Sun	1.0.3a	corresponds to OSF rev 1.0.3a
	from HP	HP	1.2.1	corresponds to OSF rev 1.0.3a
	from DEC	DEC	1.3	corresponds to OSF rev 1.0.3a
	from SGI	SGI	1.02	corresponds to OSF rev 1.0.2
	from IBM	IBM	1.3 (& 1.2)	1.3 corresponds to OSF rev 1.0.3a
DCE Cell Management DBMS	HAL DCE Cell Manager	HP	1.1	
	Sybase SQL server	HP (with EBF 6206)	10.0.2/10.0.2.6	
		Sun Solaris (with EBF 6213)	10.0.2/10.0.2.6	
		SGI (EBF 6129)	10.0.2/10.0.2.5	
		DEC (EBF 6204)	10.0.2.6	
	Openclient	HP	10.0.3	
		Sun Solaris	10.0.2	
		SGI	10.0.2	
		DEC	10.0.2	

	xaclient	HP	10	
		Sun Solaris	10	
		SGI	10	
	Replication server	DEC	10	
		HP	11.0.1	
		Sun Solaris	11.0.1	
		SGI	11.0.1	
		DEC	11.0.1	
	Illustra (Illustra Technologies)	Sun (Solaris)	3.2	Now owned by Informix
Report writer	SQR	HP	3	
		Sun Solaris	3	
		SGI	3	
Search Engine	TOPIC (Verity)	Sun (Solaris)	1.0.2	
Access Server	NetScape Commerce Server (NetScape)	Sun (Solaris)	1.1.2	Purchased through Illustra, version number being obtained by HTSC.
ER Based Database Modeling Tool	S-Designor (from PowerSoft)	PC Windows	4.2.0	DOS based, but will work under SoftWindows emulation on Sun
Document Software	FrameMaker	PC	5.0	
		MAC	5.0	
		SUN	5.0	
	Enscript	Sun	1.13	
Editing and Viewing Software	GhostView	Sun	1.5	
	EMACS	All	19.28.1	
	Adobe Acrobat	Sun	1.0	
	Xedit	All	1.0, 3.11-6 (IRIX 5.3)	
	xdiff	Sun	1.3	
SNMP Agent	Peer	All	1.7	Extensible SNMP agent kit (code)
HTTP Server	NCSA HTTPD (freeware)		1.4.2	used on EP6
	CERN HTTPD		3.0	used in Release A Ingest

Processing COTS	AutoSys		3.2	
	AutoXpert		1.0	
Internet Browsers	NetScape		2.0	
	NCSA Mosaic		2.7b1	Current Beta Release
Help Desk Software	Remedy	HP UX 9.0X	2.02	
Network Management	HP OpenView	HP UX 9.0X	4.0	
Framework	Tivoli	HP UX 9.0X	2.5	
Database Administration	ESSM	HP	11.0	
		Sun Solaris	11.0	
Network Backup	Networker	All	4.1.3	
Report generation	Intelligent Query (IQ)	Sun Solaris	5.1	
Mail software	Zmail	All	3.2	
Bulletin Board	NN Bulletin Board client	All	6.4.18	
	INN	Sun Solaris	1.5	
SQS		SGI (5.3)	2.2.1	
File Storage Management System	AMASS	All	<del>4.5.1-1</del>	
			<u>4.5.8</u>	